

ABSTRACT

There are provided an organic bistable element, which is simple in structure, can eliminate the need to increase production process steps, and has a low switching voltage, a memory device using the same, and a method for driving the organic bistable element and the memory device. The organic bistable element having a laminate structure comprises a laminate interposed between a first electrode and a second electrode, the laminate comprising two or more layers of organic thin film which are each dielectric and are different from each other in electrical conductivity. The two or more layers of organic thin film have been stacked on top of each other through an electrically conductive thin film.